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Scheffler Northwest, Inc. selected as shoring contractor for Park Avenue West Tower



Scheffler Northwest, Inc.

PORTLAND, OR - Scheffler Northwest, Inc., a specialty drilling, shoring and construction firm, was selected as the shoring contractor for the Park Avenue West Tower, a 525-foot high rise that will be Portland's third tallest skyscraper. The firm was contracted for subterranean drilling to create an environment in which a five-level underground parking structure can be constructed. The size of the building requires a parking structure of approximately 320 spaces.

To create a workspace in which the below-grade parking garage will be constructed, Scheffler Northwest will install a shoring system that will include drilling up to 85 feet deep to install 108 soldier piles around the perimeter of the site. The installation of the soldier piles will be particularly challenging given the need to drill through loose silts and sands underlain by dense, saturated gravels. Existing concrete basement walls will also be incorporated into the structure, adding to the complexity of the job. Once the piles and lateral support are in place, the soil will be excavated, providing a structure and environment to build the parking garage.

"This project is exciting because of the challenge that it presents," said Michael Zeman, president of Scheffler Northwest, Inc. "Aside from being one of the deepest

excavations in Portland, the access constraints and existing basement walls that must be incorporated, pose great difficulty. Fortunately, we are working with an excellent general contractor and team of designers and engineers, which will make a project like this possible."

Park Avenue West, located in the heart of Portland's downtown business district at the cross streets of Southwest Yamhill and Southwest Park Avenue, is a \$200 million mixed-use project scheduled for completion in 2010. At 33 stories and a total of 474,000 square feet, the project will feature three levels of retail space, 74 residential units and several levels of office space.

Scheffler Northwest, Inc. is a geotechnical construction company that specializes in drilled-shaft foundations, temporary and permanent shoring and micropiles. With an experienced management staff dedicated to the Pacific Northwest, the company provides full-service drilling and engineering services to the region. Scheffler Northwest is part of the Scheffler family of companies, which includes D.J. Scheffler, Inc., Scheffler Nevada and D.J. Scheffler Canada. These companies work together to provide innovative drilling and shoring solutions. For more information about Scheffler Northwest, visit www.schefflernorthwest.com.